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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MITSUI TOATSU CHEM INC

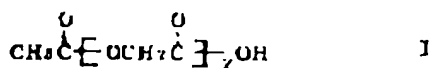
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(54) ACETYLATED POLYGLYCOLIC ACID AND PREPARATION THEREOF

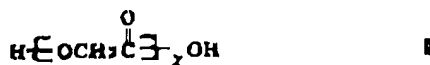
(57)Abstract:

NEW MATERIAL:Acetylated polyglycolic acid
represented by formula I, wherein X is 150W1,500, and
having a melting point of 220W235°C and a
decomposition temperature of 300W315°C.



USE: Material for medical articles such as orthopedic
pins, dressings for burn, surgical sutures, flakes for
scratches and substitutes for arteries.

PREPARATION: Polyglycolic acid represented by formula
II, wherein X is 150W 1,500, prepared, for example, by
ring-opening polymerization of glycolide of formula III, is
treated with an acetylating agent.



LEGAL STATUS

[Date of request for examination]